Relationships between spatial data layers and attribute data tables

Geographic Themes

Lookup Tables

Data Tables

ESI (ARCS)
- ESI (10, 10, C)
- RSI (10, 10, C)
- LINE (1, 1, C)
- SOURCE_ID (6, 6, I)
- ENVIR (1, 1, C)

ESI (POLYS)
- ESI (10, 10, C)
- WATER_CODE (1, 1, C)
- ENVIR (1, 1, C)

HYDRO (ARCS)
- LINE (1, 1, C)
- SOURCE_ID (6, 6, I)

HYDRO (POLYS)
- WATER_CODE (1, 1, C)

INDEX (POLYS)
- TILE-NAME (32, 32, C)
- TOPO-NAME (255, 255, C)
- SCALE (7, 7, I)
- MAPANGLE (4, 8, F, 3)
- PAGESIZE (6, 6, C)

KARST (POLYS)
- WATER_CODE (1, 1, C)

SHELFBND (POLY)

STATIONS (POINTS)
- TYPE (2, 2, C)

WETLANDS (ARCS)
- ESI (10, 10, C)
- RSI (10, 10, C)
- LINE (1, 1, C)
- SOURCE_ID (6, 6, I)
- ENVIR (1, 1, C)

WETLANDS (POLYS)
- WATER_CODE (1, 1, C)
- WET_TYPE (80, 80, C)

MGT (POLYS)
- TYPE (2, 2, C)
- ID (10, 10, I)
- HUNUM (9, 9, I)

SOCECON (ARCS)
- TYPE (2, 2, C)

SOCECON (POINTS)
- TYPE (2, 2, C)
- ID (10,10,I)
- HUNUM (9, 9, I)

BENTHIC (POLYS)
- ID (10, 10, I)
- RARNUM (9, 9, I)

BIRDS (POLYS)
- ID (10, 10, I)
- RARNUM (9, 9, I)

FISH (POLYS)
- ID (10, 10, I)
- RARNUM (9, 9, I)

FISHL (ARCS)
- ID (10, 10, I)
- RARNUM (9, 9, I)

HABITATS (POLYS)
- ID (10, 10, I)
- RARNUM (9, 9, I)

INVERT (POLYS)
- ID (10, 10, I)
- RARNUM (9, 9, I)

INVERTL (ARCS)
- ID (10, 10, I)
- RARNUM (9, 9, I)

M_MAMMAL (POLYS)
- ID (10, 10, I)
- RARNUM (9, 9, I)

REPTILES (POLYS)
- ID (10, 10, I)
- RARNUM (9, 9, I)

T_MAMMAL (POLYS)
- ID (10, 10, I)
- RARNUM (9, 9, I)

SOC_LUT
- HUNUM (9, 9, I)
- ID (10, 10, I)

(The SOC_LUT table can be bypassed by linking the human use tables to SOC_DAT using HUNUM.)

BIO_LUT
- RARNUM (9, 9, I)
- ID (10, 10, I)

(The BIO_LUT table can be bypassed by linking the biology tables to BIORES using RARNUM.)

SOC_DAT
- HUNUM (9, 9, I)
- TYPE (20, 20, C)
- NAME (40, 40, C)
- CONTACT (80, 80, C)
- PHONE (20, 20, C)
- G_SOURCE (6, 6, I)
- A_SOURCE (6, 6, I)

BIORES
- RARNUM (9, 9, I)
- SPECIES_ID (5, 5, I)
- CONC (20, 20, C)
- SEASON_ID (2, 2, I)
- G_SOURCE (6, 6, I)
- S_SOURCE (6, 6, I)
- ELEMENT (10, 10, C)
- EL_SPE (6, 6, C)
- EL_SPE_SEA (8, 8, C)

SOURCES
- SOURCE_ID (6, 6, I)
- ORIGINATOR (35, 35, C)
- DATE_PUB (10, 10, I)
- TITLE (80, 80, C)
- DATA_FORMAT (80, 80, C)
- PUBLICATION (120, 120, C)
- SCALE (20, 20, C)
- TIME_PERIOD (22, 22, C)

SPECIES
- SPECIES_ID (5, 5, I)
- NAME (35, 35, C)
- GEN_SPEC (45, 45, C)
- ELEMENT (10, 10, C)
- SUBELEMENT (10, 10, C)
- NHP (10, 10, C)
- DATE_PUB (10, 10, I)
- EL_SPE (6, 6, C)

SEASONAL
- ELEMENT (10, 10, C)
- SPECIES_ID (5, 5, I)
- SEASON_ID (2, 2, I)
- JAN (1, 1, C)
- FEB (1, 1, C)
- MAR (1, 1, C)
- APR (1, 1, C)
- MAY (1, 1, C)
- JUN (1, 1, C)
- JUL (1, 1, C)
- AUG (1, 1, C)
- SEP (1, 1, C)
- OCT (1, 1, C)
- NOV (1, 1, C)
- DEC (1, 1, C)
- EL_SPE_SEA (8, 8, C)

STATUS
- ELEMENT (10, 10, C)
- SPECIES_ID (5, 5, I)
- STATE (2, 2, C)
- S_F (3, 3, C)
- T_E (3, 3, C)
- DATE_PUB (10, 10, I)
- EL_SPE (6, 6, C)

BREED
- EL_SPE_SEA (8, 8, C)
- MONTH (2, 2, I)
- BREED1 (1, 1, C)
- BREED2 (1, 1, C)
- BREED3 (1, 1, C)
- BREED4 (1, 1, C)
- BREED5 (1, 1, C)